

Roblon Composite Reinforcement Tape

Roblon A/S has been supplying fiber reinforced composite tapes for the oil and gas industry for decades, and during the last years, Roblon has intensivated the focus on the technical documentation on the various tape products. This means, that especially for the application in harsh and tough environment, the documentation is fully up to date.

Composite reinforcement tape can be supplied for various applications; eg. Anti-Birdcage Tapes, Reinforcement of submarine cables, strapping systems, safety nets and for reinforcement of thermoplastic pipes.

Key features

- Made from different types of high-performance fibers and with different types of coating (examples next page)
- Unidirectional fibers



Fiber types used:

Aramid NM, HM and Technora

High tenacity polyester

Vectran

Zylon PBO

E-glass

Polyamide

Polypropylenes

Dynema/Spectra

Coating materials used:

MDPE and HDPE

Termoplastic Polyurethanes

TPE

Polyamides

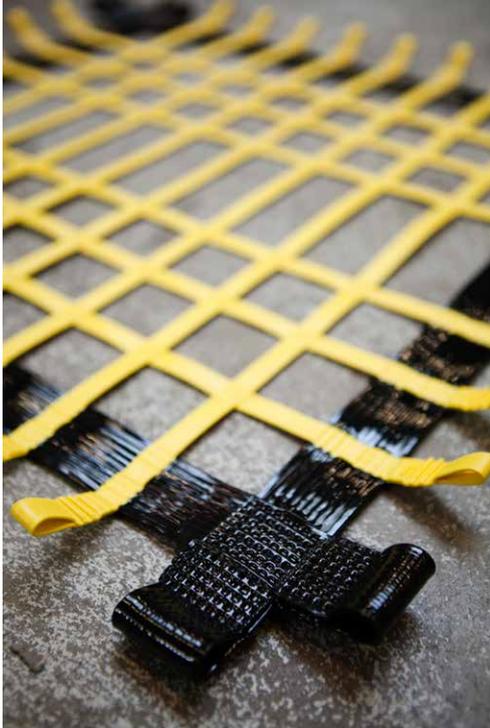
EVA, EAA

PP

Documentation

One of the key factors when designing and manufacturing composite reinforcement tapes is the utilization of the single fiber properties, and further more in most applications it is essential that we are able to predict the long term physical and chemical properties in various environments.

Roblon has therefore taken the consequence and established a well equipped mechanical- and chemical laboratory. A documentation package covering physical and chemical properties is normally supplied together with the products.



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